Patent Claims

1. Cutting tool for material-removing machining, provided with a tool holder (10) rotatable about an axis (11) and having at least one seat for a cartridge (13) that serves as tool holder for a cutting insert (14) and with an adjustment device having an eccentric pin (21) for radially shifting the cartridge (13),
characterized in that
a cartridge groove (17) holds an adjustment wedge (18) that is axially shiftable by means of an eccentric pin (21).

2. The cutting tool according to claim 1, characterized in that the eccentric pin (21) is set in a radial bore (27) of the cartridge and has an eccentric cylindrical extension (22) that engages in a slot (23) of the adjustment wedge (18).

3. The cutting tool according to claim 1 or 2, characterized in that the cartridge (13) is retained in the tool holder (10) by a wing wedge (33) that can be locked in place by a screw, preferably a double-thread screw (10) in the tool holder (10), the wing wedge (33) bearing when tightened against a cartridge face (31).

4. The cutting tool according to one of claims 1 to 3, characterized in that the eccentric pin (21) is held by a retaining sleeve (25) against radial movement.

5. The cutting tool according to one of claims 1 to 4, characterized in that the wedge angle (α) of the adjustment wedge (18) is 10° ± 2°.